

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

- 1           1. (Currently amended) A method of operating a cache system to serve one  
2       set of cached data in response to multiple different data requests, comprising:  
3           receiving a first request for a first set of data, said first request comprising  
4       a first session identifier configured to identify a first client session, wherein said  
5       first set of data is identifiable by a data identifier, and wherein said first session  
6       identifier identifies a first client to an application;  
7           serving said first set of data from the cache system in response to said first  
8       request;  
9           receiving a second request for said first set of data, said second request  
10      comprising a second session identifier different from said first session identifier,  
11      wherein each of said first request and said second request comprise said data  
12      identifier, and wherein said second session identifier identifies a second client to  
13      the application;  
14      caching said first set of data;  
15      associating a portion of said first request with said cached first set of data;  
16      and  
17      serving said first set of data from the cache system in response to said  
18      second request, wherein said serving said first set of data in response to said  
19      second request comprises:  
20              searching the cache system for a set of data responsive to  
21              said second request, wherein said searching comprises comparing

22                   said associated portion of said first request to said second request,  
23                   and wherein said searching involves replacing one or more of said  
24                   first session identifier and said second session identifier with a  
25                   default session identifier,  
26                   customizing the set of data responsive to said second  
27                   request based upon an identifier of custom data in the second  
28                   request, and  
29                   matching said first set of data with said second request.

1               2 (Canceled).

1               3. (Previously presented) The method of claim 1, wherein said data  
2               identifier is a URI (Uniform Resource Identifier).

1               4. (Previously presented) The method of claim 1, wherein said first session  
2               identifier is combined with said data identifier in said first request; and  
3               wherein said second session identifier is combined with said data identifier  
4               in said second request.

1               5 (Canceled).

1               6. (Previously presented) The method of claim 1, wherein said portion  
2               comprises a combination of said data identifier and said first session identifier.

1               7-10 (Canceled).

1           11. (Previously presented) The method of claim 1, wherein said  
2 associating comprises replacing said first session identifier with a default session  
3 identifier.

1           12. (Original) The method of claim 1, further comprising, prior to said  
2 serving said first set of data in response to said second request:  
3           inserting said second session identifier into one or more data identifiers  
4 within said first set of data.

1           13. (Original) The method of claim 12, wherein said inserting comprises  
2 replacing said first session identifier in a first data identifier with said second  
3 session identifier.

1           14. (Currently amended) A method of serving one set of cached data, from  
2 a cache system, in response to a plurality of different data requests, wherein each  
3 data request comprises a different session identifier, the method comprising:  
4           receiving a first request for a first set of data from a first client session,  
5 wherein said first request comprises:  
6           a data identifier identifying said first set of data; and  
7           a first session identifier identifying said first client session, wherein said  
8 first session identifier identifies a first client to an application;  
9           receiving said first set of data from a data server;  
10          caching said first set of data, wherein said first set of data is identifiable in  
11 the cache system by information included in said first request;  
12          receiving a second request for said first set of data from a second client  
13 session, wherein said second request comprises:  
14          said data identifier; and  
15          a second session identifier identifying said second client session;

16           retrieving said first set of data from a cache, wherein said retrieving  
17 involves searching for a previous request for which said first set of data was  
18 cached, and wherein said second session identifier identifies a second client to the  
19 application; and  
20           serving said first set of data in response to said second request, wherein  
21 said serving said first set of data in response to said second request comprises:  
22                   searching the cache system for a set of data responsive to  
23                   said second request, wherein said searching comprises comparing  
24                   said associated portion of said first request to said second request,  
25                   and wherein said searching involves replacing one of said first  
26                   session identifier and said second identifier with a default value,  
27                   customizing the set of data responsive to said second  
28                   request based upon an identifier of custom data in the second  
29                   request, and  
30                   matching said first set of data with said second request.

1           15. (Original) The method of claim 14, wherein in said first request, said  
2 data identifier is combined with said first session identifier.

1           16 (Canceled).

1           17. (Previously presented) The method of claim 14, wherein said searching  
2 comprises comparing a portion of said second request with said information  
3 included in said first request.

1           18-20 (Canceled).

1           21. (Original) The method of claim 14, further comprising, prior to said  
2   serving:  
3           extracting said second session identifier from said second request; and  
4           combining said second session identifier with a first data identifier in said  
5   first set of data.

1           22. (Original) The method of claim 21, wherein said combining comprises  
2   replacing said first session identifier with said second session identifier.

1           23-26 (Canceled).

1           27. (Currently amended) A cache system for caching data from a data  
2   server, comprising:  
3           a first cache memory configured to store a first data item, wherein said  
4   first data item is retrieved from a data server for serving in response to a first data  
5   request comprising a first session identifier, wherein said first session identifier  
6   identifies a first client to an application; and  
7           a parser configured to parse a second data request comprising a second  
8   session identifier different from said first session identifier, wherein said second  
9   session identifier identifies a second client to the application;  
10          wherein said first data item is served in response to said second data  
11   request, wherein said serving said first set of data in response to said second  
12   request comprises:  
13                  searching the cache system for a set of data responsive to  
14                  said second request, wherein said searching comprises comparing  
15                  said associated portion of said first request to said second request,  
16                  and wherein said searching involves replacing one of said first  
17   session identifier and said second identifier with a default value,

18 | customizing the set of data responsive to said second  
19 | request based upon an identifier of custom data in the second  
20 | request, and  
21 | matching said first set of data with said second request.

1       28. (Original) The cache system of claim 27, wherein said first data  
2 request comprises a combination of a first data identifier of said first data item and  
3 said first session identifier and said second data request comprises a combination  
4 of said first data identifier and said second session identifier; and  
5       wherein said parser is configured to extract said second session identifier  
6 from said second data request.

1       29. (Original) The cache system of claim 27, wherein said first data item  
2 comprises a data identifier of another data item; and  
3       wherein said second session identifier is combined with said data identifier  
4 of said other data item prior to serving said first data item.

1       30. (Original) The cache system of claim 27, further comprising:  
2       a second cache memory configured to store a first portion of said first data  
3 request, wherein said portion may be compared to a second portion of said second  
4 data request to determine if said first data item is responsive to said second data  
5 request;  
6       wherein said first session identifier and said second session identifier are  
7 ignored during said comparison.

1       31. (Currently amended) A cache system for serving one set of data in  
2 response to different data requests, comprising:

3 parsing means configured to examine a data request to identify a requested  
4 set of data;

5 retrieval means configured to retrieve a session identifier from said data  
6 request, wherein said session identifier identifies a first client to an application;  
7 and

8 search means configured to search a cache for said requested set of data,  
9 wherein said search means is further configured to disregard said session identifier  
10 and a session identifier of a previous request in response to which said request set  
11 of data was served, and wherein said session identifier of the previous request  
12 identifies a second client to the application, and

13 serving means configured to serve said first set of data from the cache  
14 system in response to said second request, wherein said serving means comprises:

15 searching means configured to search the cache system for  
16 a set of data responsive to said second request, wherein said  
17 searching comprises comparing said associated portion of said first  
18 request to said second request, and wherein said searching involves  
19 replacing one of said first session identifier and said second  
20 identifier with a default valued,

21 customizing means for customizing the set of data  
22 responsive to said second request based upon an identifier of  
23 custom data in the second request, and

24 matching means for matching said first set of data with said  
25 second request.

1 32. (Original) The cache system of claim 31, further comprising update  
2 means configured to update one or more data identifiers in said requested set of  
3 data to include said session identifier.